

Applic. No. 09/667,281

Amdt. dated November 12, 2003

Reply to Office action of August 12, 2003

Claim Amendments

Claim 1 (currently-amended): A plug-in connector for an electrical device, comprising:

a plastic member including a material being a mixture of a plastic and a carbon powder, having conductive properties at voltages above a given working voltage range and having insulating properties at voltages in the given working voltage range, said plastic member having a conducting surface; and

contact pins embedded in said plastic member, with said material disposed in a form-fitting manner around said contact pins; and

said conducting surface electrically contacting said material and being disposed at a respective spacing distance from said contact pins.

Claims 2-6 (cancelled)

Claim 7 (original): The plug-in connector according to claim 1, wherein:

said plastic member includes a base material; and

Applic. No. 09/667,281

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said material is a mixture of said base material and a carbon powder.

Claim 8 (currently-amended): The plug-in connector according to claim 2 1, wherein:

said plastic member includes a base material; and

said material is a mixture of said base material and a carbon powder.

Claim 9 (previously-presented): The plug-in connector according to claim 1, wherein said material includes between 5 and 15 percent by weight of said carbon powder.

Claim 10 (original): The plug-in connector according to claim 1, wherein said plastic member includes a crystalline component and a noncrystalline component.

Claim 11 (currently-amended): In combination with an electrical device having electrical components, a plug-in connector, comprising:

Applic. No. 09/667,281

Amdt. dated November 12, 2003

Reply to Office action of August 12, 2003

a plastic member including a material being a mixture of a plastic and a carbon powder, having conductive properties at voltages above a given working voltage range and having insulating properties at voltages in the given working voltage range, said plastic member having a conducting surface; and

contact pins embedded in said plastic member, with said material disposed in a form-fitting manner around said contact pins; and

said conducting surface electrically contacting said material and being disposed at a respective spacing distance from said contact pins.

Claims 12-16 (cancelled)

Claim 17 (original): The plug-in connector according to claim 11, wherein:

said plastic member includes a base material; and

said material is a mixture of said base material and a carbon powder.

Applic. No. 09/667,281

Amdt. dated November 12, 2003

Reply to Office action of August 12, 2003

Claim 18 (currently-amended): The plug-in connector according to claim ~~12~~ 11, wherein:

said plastic member includes a base material; and

said material is a mixture of said base material and a carbon powder.

Claim 19 (previously-presented): The plug-in connector according to claim 11, wherein said material includes between 5 and 15 percent by weight of said carbon powder.

Claim 20 (original): The plug-in connector according to claim 11, wherein said plastic member includes a crystalline component and a non-crystalline component.